

CLAIMS

1. A waste liquid treatment apparatus for hemodialyzers, which comprises a transport pipe for transporting dialysis waste liquid produced from a hemodialyzer, a bacteriostatic treatment tank for restraining the propagation of bacteria caused by the dialysis waste liquid transported by said transport pipe and an ozone water ejection nozzle for ejecting ozone water into said bacteriostatic treatment tank.
2. A waste liquid treatment apparatus for hemodialyzers, according to claim 1, in which said transport pipe retains the dialysis waste liquid substantially gas-tightly until the dialysis waste liquid transported thereby reaches said bacteriostatic treatment tank.
3. A waste liquid treatment apparatus for hemodialyzers, according to claim 1, in which said ozone water ejection nozzle is constructed so as to eject ozone water to a dialysis waste liquid outlet of said transport pipe and exposed wall surfaces in said bacteriostatic treatment tank.
4. A waste liquid treatment apparatus for hemodialyzers, according to anyone of claims 1 to 3, which comprises an ozone gas supply unit for supplying ozone gas to the dialysis waste liquid in said bacteriostatic treatment tank and an ultraviolet lamp for irradiating ultraviolet light to the dialysis waste liquid in said bacteriostatic treatment tank.
5. A waste liquid treatment apparatus for hemodialyzers, according to anyone of claims 1 to 3, in which an organic substance decomposing treatment tank is disposed in the rear stage of said bacteriostatic treatment tank, an ozone gas supply unit is disposed for supplying ozone gas to the dialysis waste liquid in said organic substance decomposing treatment tank and an ultraviolet lamp is disposed so as to irradiate ultraviolet light to the dialysis waste liquid in said organic substance decomposing treatment tank.

6. A waste liquid treatment apparatus for hemodialyzers, according to claim 4 or 5, in which said ultraviolet lamp is disposed so that said ultraviolet light is irradiated also to bubbles formed on the liquid surface of said dialysis waste liquid due to the addition of said ozone gas.

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7. A waste liquid treatment apparatus for hemodialyzers, according to anyone of claims 1 to 6, in which a water cooler and an ozone water production unit for dissolving ozone into water to produce ozone water are disposed in the front stage of said bacteriostatic treatment tank.

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